

FIG. 1

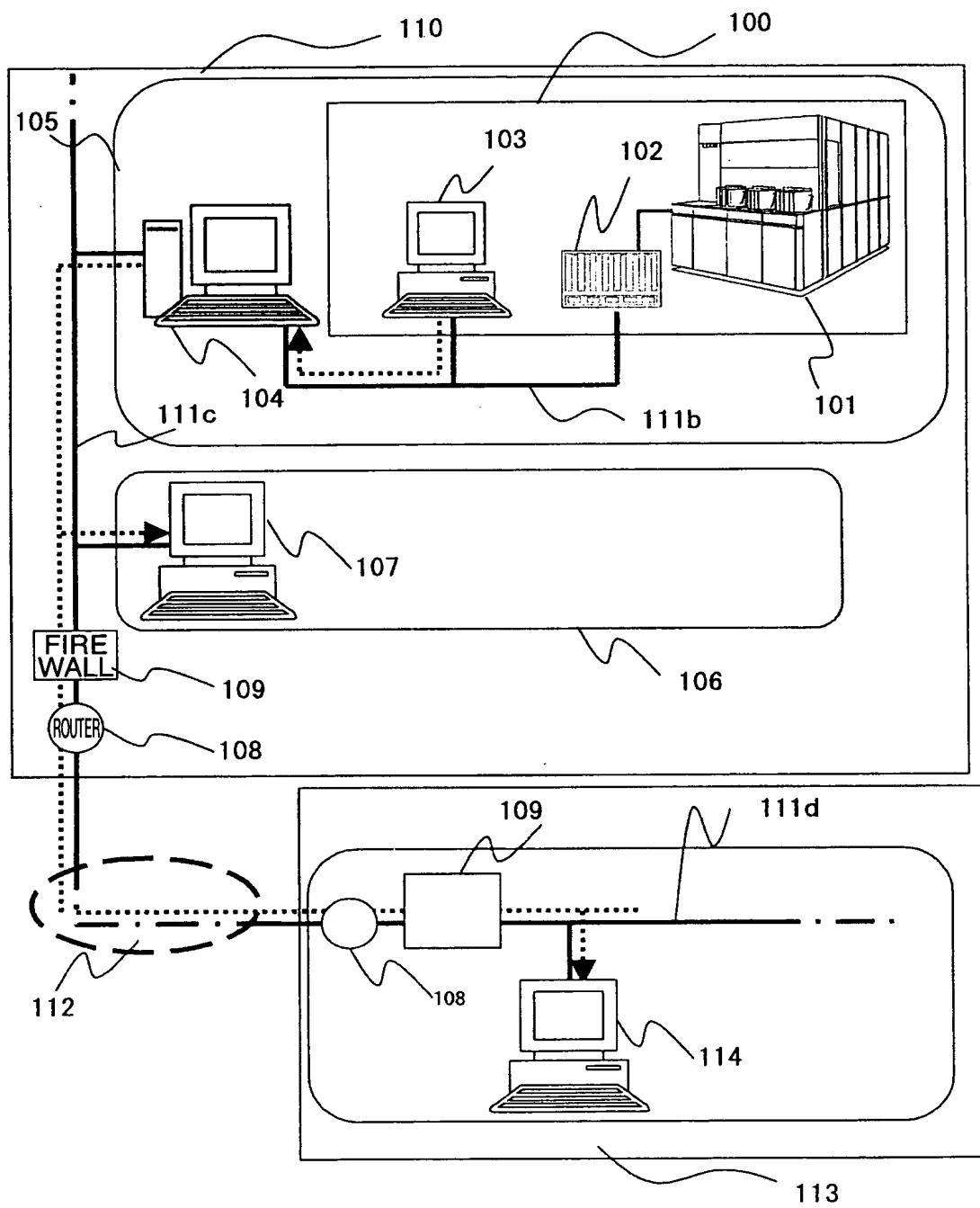


FIG. 2

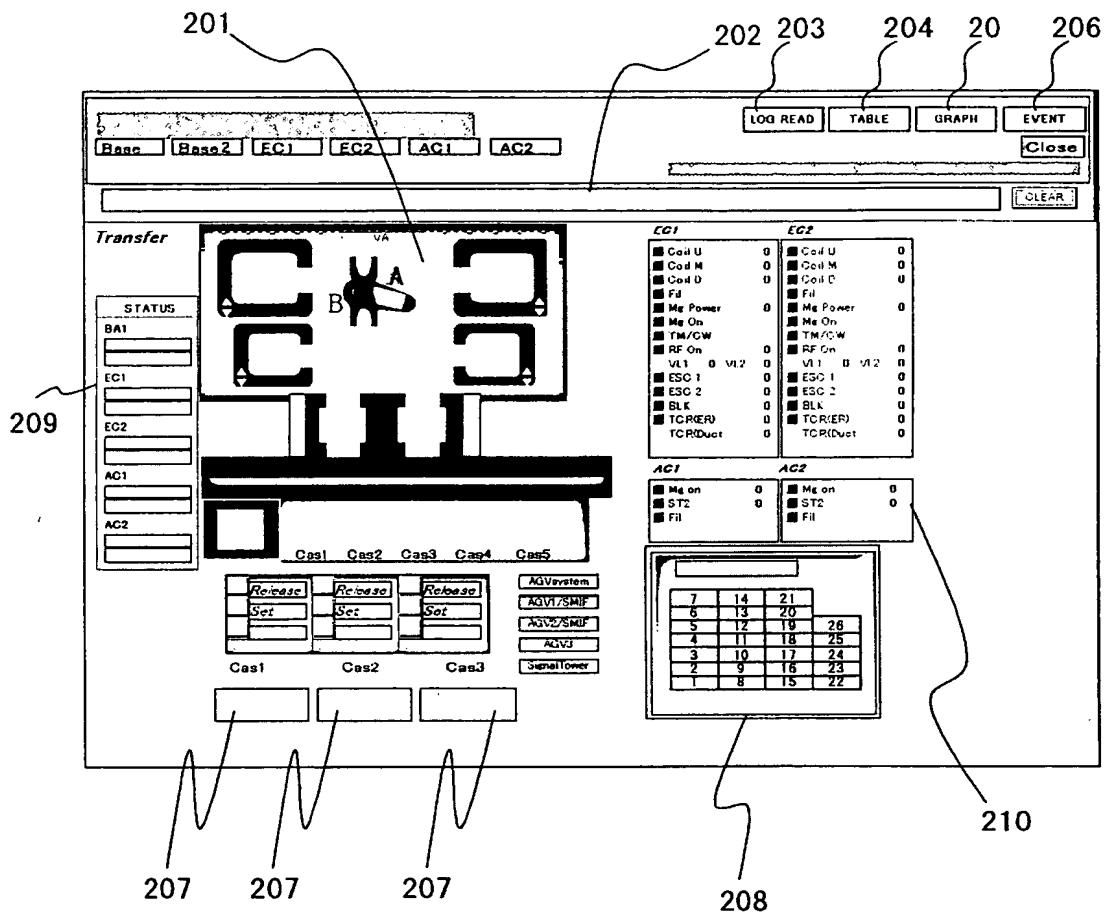


FIG. 3

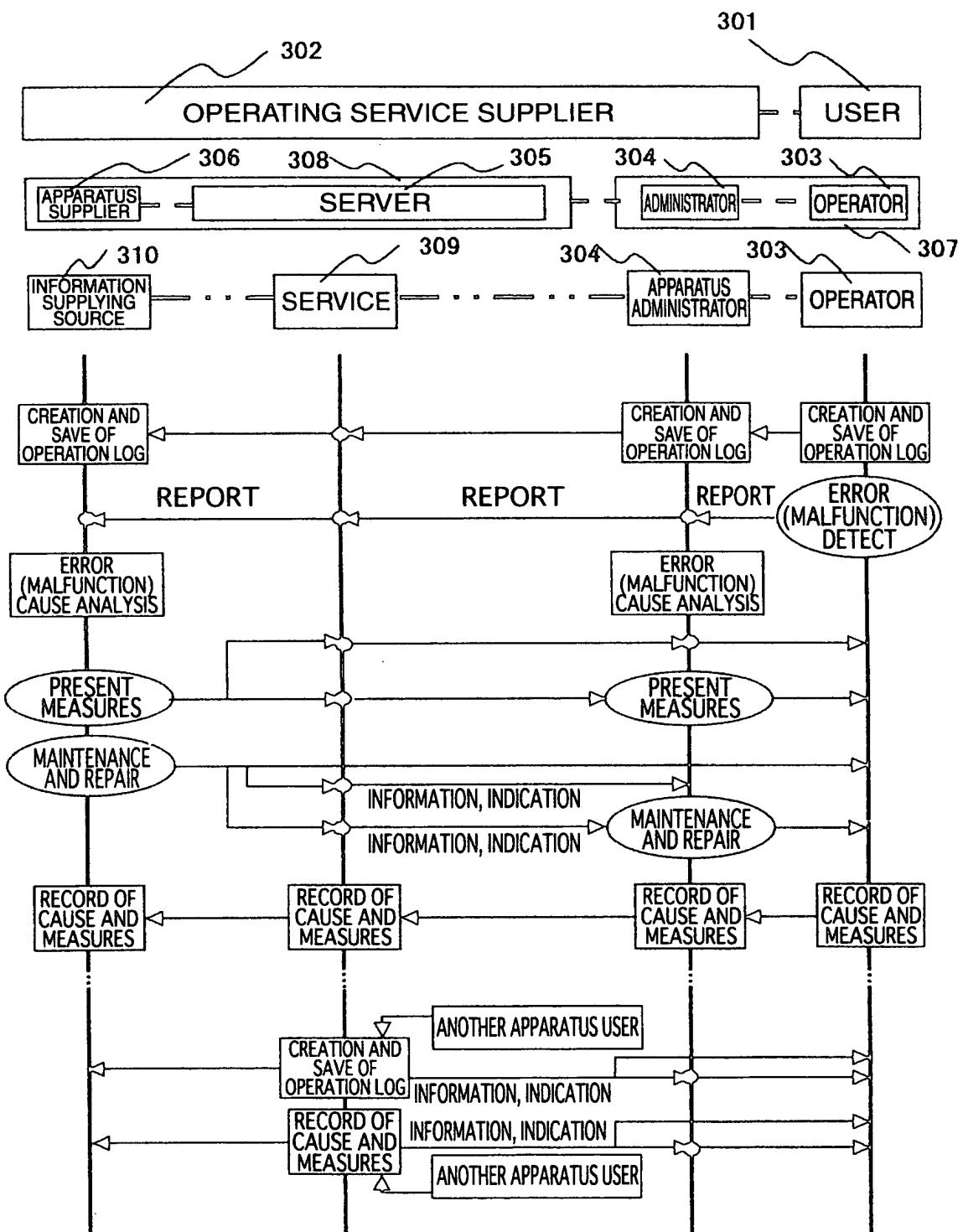


FIG. 4A

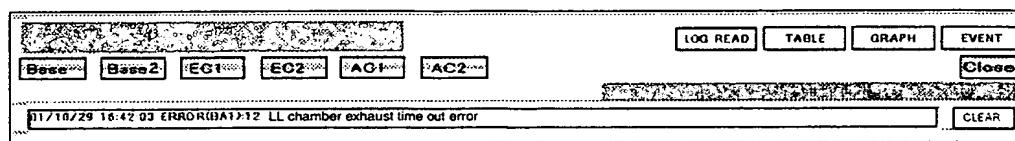


FIG. 4B

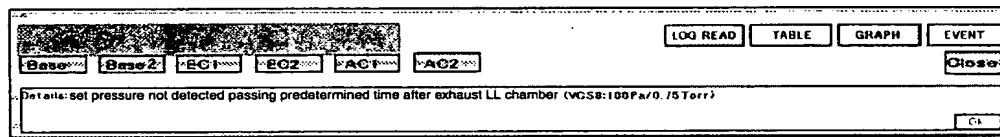


FIG. 5

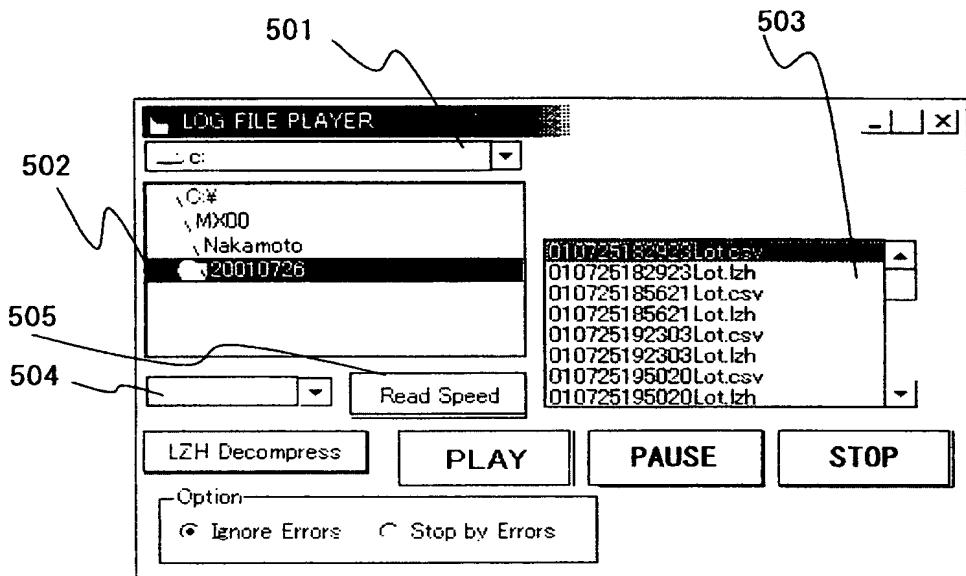


FIG. 6

Event Window

Time	AREA	EVENT NAME
01/07/25 18:23:23	ET1	AUTOMATIC DRIVE START
01/07/25 18:29:23	ET2	AUTOMATIC DRIVE START
01/07/25 18:29:23	AT1	AUTOMATIC DRIVE START
01/07/25 18:29:23	BA1	AUTOMATIC DRIVE STOP SW EFFECTIVE
01/07/25 18:29:24	BA1	AUTOMATIC DRIVE STOP SW DISABLED
01/07/25 18:30:58	BA1	CASSETTE 2 TEMPORARY STOP SW EFFECTIVE
01/07/25 18:30:58	BA1	CASSETTE 2 SUPPLY STOP SW EFFECTIVE
01/07/25 18:31:01	BA1	CASSETTE 2 EACH WAFER PRODUCT PROCESS START
01/07/25 18:32:09	ET2	ETCHING START
01/07/25 18:32:25	ET2	START DISCHARGE (SKIP SW IN EFFECT)

Select Area

ALL
 BA1
 EC1
 EC2
 AC1
 AC2

Select

CLEAR

Time	Wafer No	FROM	TO
01/07/25 18:31:07	2 - 1	Port2	----> ATM. Robot
01/07/25 18:31:18	2 - 1	ATM. Robot	----> Alignment Unit
01/07/25 18:31:34	2 - 1	Alignment Unit	----> ATM. Robot
01/07/25 18:31:42	2 - 1	ATM. Robot	----> Load Lock
01/07/25 18:31:51	2 - 2	Port2	----> ATM. Robot
01/07/25 18:31:58	2 - 1	Load Lock	----> VAC. Robot-A
01/07/25 18:32:02	2 - 2	ATM. Robot	----> Alignment Unit
01/07/25 18:32:06	2 - 1	VAC. Robot-A	----> Etching2
01/07/25 18:32:16	2 - 1	EC2:	Start Process
01/07/25 18:32:18	2 - 2	Alignment Unit	----> ATM. Robot
01/07/25 18:32:26	2 - 2	ATM. Robot	----> Load Lock
01/07/25 18:32:35	2 - 3	Port2	----> ATM. Robot
01/07/25 18:32:42	2 - 2	Load Lock	----> VAC. Robot-A
01/07/25 18:32:45	2 - 3	ATM. Robot	----> Alignment Unit

CLEAR

DO NOT SCALE THIS DRAWING

FIG. 7

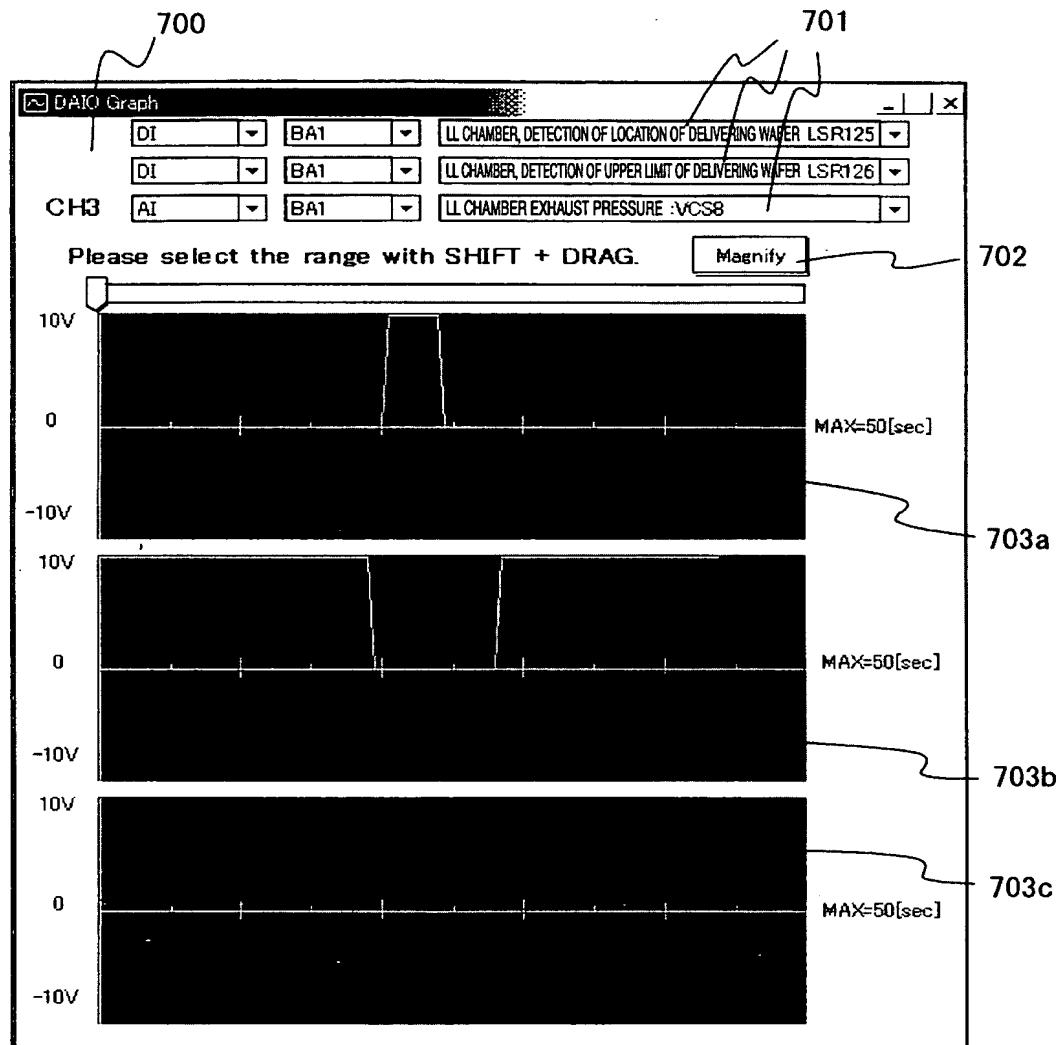


FIG. 8

ID TABLE					
ID	Atr	Byte	bit	Value	Name
31	DO	3	6	0	LP1 READY
34	DO	4	1	0	LP1 HO-AVBL SMIF1 Ready to UL
32	DO	3	7	0	LP1 ES
35	DO	4	2	0	LP1 LREQ SMIF1 Port Lock
33	DO	4	0	0	LP1 UREQ SMIF1 Load/Unload

ID	Atr	Byte	bit	Value	Name
415	DI	5	6	0	LP1 TR REQ
414	DI	5	5	0	LP1 CS2
409	DI	5	0	0	LP1 BUSY
416	DI	5	7	0	LP1 CONT
410	DI	5	1	0	LP1 COMPT
413	DI	5	4	0	LP1 CS1
412	DI	5	3	0	LP1 CS0
411	DI	5	2	0	LP1 VALID

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FIG. 9

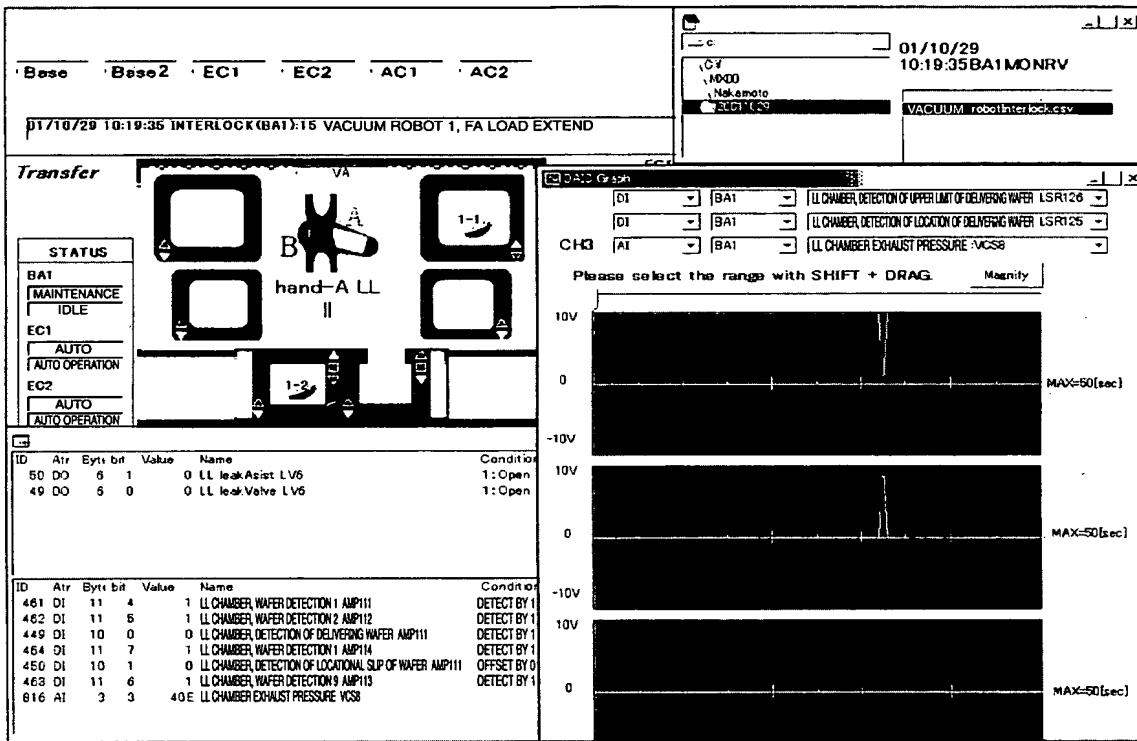
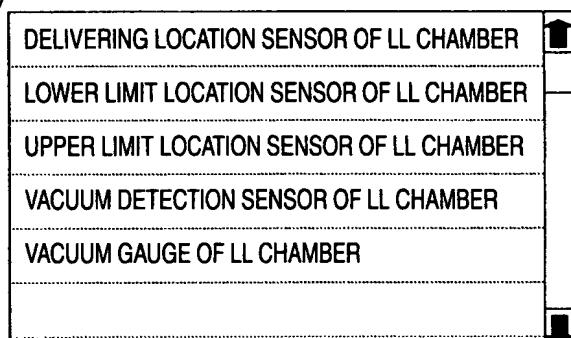


FIG. 10

LIST OF OCCURRENCE ERROR CAUSES	
ERROR: TIMEOUT ERROR OF DELIVERING LOCATION OF LL CHAMBER	
LARGER POSSIBILITY	
	DELIVERING LOCATION SENSOR OF LL CHAMBER
	LOWER LIMIT LOCATION SENSOR OF LL CHAMBER
	UPPER LIMIT LOCATION SENSOR OF LL CHAMBER
	VACUUM DETECTION SENSOR OF LL CHAMBER
	VACUUM GAUGE OF LL CHAMBER

2022-07-14 10:00:00